The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for manufacturing a semiconductor device comprising:

forming a semiconductor film comprising amorphous silicon on an insulating surface;

providing said semiconductor film with a metal containing material for promoting crystallization of said semiconductor film;

crystallizing said semiconductor film by heating;

irradiating the crystallized semiconductor film with laser light;

removing the metal from the crystallized semiconductor film by gettering after the irradiation of the laser light;

forming a semiconductor island having a tapered shape by patterning [[said]] the crystallized semiconductor film, said tapered shape having an angle within a range of 20° to 50° between a side thereof and an underlying surface;

performing a plasma treatment to the semiconductor island;

forming a first gate insulating film over the semiconductor island wherein the first gate insulating film comprises silicon oxide;

forming a second gate insulating film over the first gate insulating film wherein the second gate insulating film comprises silicon oxide nitride;

forming a gate electrode over the semiconductor island with the first gate insulating film and the second gate insulating film therebetween; and

forming at least a source region and a drain region in the semiconductor island[[,]]

wherein irradiation of laser light is performed after forming said semiconductor film.

2. (Canceled)

3. (Original) A method according to claim 1, wherein said patterning is performed by an isotropic dry etching method.

4.-61. (Canceled)

- 62. (New) The method according to claim 1 wherein said metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Cu and Au.
- 63. (New) The method according to claim 1 wherein said gettering is performed by heating the crystallized semiconductor film in a halogen containing atmosphere.
- 64. (New) The method according to claim 1 wherein a surface of the crystallized semiconductor film is oxidized when the gettering is performed.
- 65. (New) A method for manufacturing a semiconductor device comprising: forming a semiconductor film comprising amorphous silicon on an insulating surface;

providing said semiconductor film with a metal containing material for promoting crystallization of said semiconductor film;

crystallizing said semiconductor film by heating;

irradiating the crystallized semiconductor film with laser light;

removing the metal from the crystallized semiconductor film by gettering after the irradiation of the laser light.

- 66. (New) The method according to claim 65 wherein said metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Cu and Au.
- 67. The method according to claim 65 wherein said gettering is performed by heating the crystallized semiconductor film in a halogen containing atmosphere.
- 68. The method according to claim 65 wherein a surface of the (New) crystallized semiconductor film is oxidized when the gettering is performed.
- 69. (New) A method for manufacturing a semiconductor device comprising: forming a semiconductor film comprising amorphous silicon on an insulating surface;

providing a selected portion of said semiconductor film with a metal containing material for promoting crystallization of said semiconductor film;

crystallizing said semiconductor film by heating wherein crystallization proceeds from said selected portion in a lateral direction parallel to said insulating surface;

irradiating the crystallized semiconductor film with laser light; and removing the metal from the crystallized semiconductor film by gettering after the irradiation of the laser light.

- 70. (New) The method according to claim 69 wherein said metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Cu and Au.
- 71. (New) The method according to claim 69 wherein said gettering is performed by heating the crystallized semiconductor film in a halogen containing atmosphere.

- 72. The method according to claim 69 wherein a surface of the (New) crystallized semiconductor film is oxidized when the gettering is performed.
 - 73. (New) A method for manufacturing a semiconductor device comprising: forming a semiconductor film comprising amorphous silicon on an insulating

surface;

providing a selected portion of said semiconductor film with a metal containing material for promoting crystallization of said semiconductor film;

crystallizing said semiconductor film by heating wherein crystallization proceeds from said selected portion in a lateral direction parallel to said insulating surface;

irradiating the crystallized semiconductor film with laser light;

removing the metal from the crystallized semiconductor film by gettering after the irradiation of the laser light;

patterning the crystallized semiconductor film by etching to form a semiconductor island:

forming a gate insulating film over the semiconductor island; forming a gate electrode over the gate insulating film; and forming source and drain regions in the semiconductor island.

- 74. (New) The method according to claim 73 wherein said metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Cu and Au.
- 75. The method according to claim 73 wherein said gettering is performed by heating the crystallized semiconductor film in a halogen containing atmosphere.

- 76. (New) The method according to claim 73 wherein a surface of the crystallized semiconductor film is oxidized when the gettering is performed.
 - 77. (New) A method for manufacturing a semiconductor device comprising: forming a semiconductor film comprising amorphous silicon on an insulating

surface:

providing a selected portion of said semiconductor film with a metal containing material for promoting crystallization of said semiconductor film;

crystallizing said semiconductor film by heating wherein crystallization proceeds from said selected portion in a lateral direction parallel to said insulating surface;

irradiating the crystallized semiconductor film with ultraviolet rays or infrared rays; and

removing the metal from the crystallized semiconductor film by gettering after the irradiation of the laser light.

- 78. (New) The method according to claim 77 wherein said metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Cu and Au.
- 79. (New) The method according to claim 77 wherein said gettering is performed by heating the crystallized semiconductor film in a halogen containing atmosphere.
- 80. The method according to claim 77 wherein a surface of the crystallized semiconductor film is oxidized when the gettering is performed.
- 81. (New) A method for manufacturing a semiconductor device comprising: forming a semiconductor film comprising amorphous silicon on an insulating surface;

providing a selected portion of said semiconductor film with a metal containing material for promoting crystallization of said semiconductor film;

crystallizing said semiconductor film by heating wherein crystallization proceeds from said selected portion in a lateral direction parallel to said insulating surface;

irradiating the crystallized semiconductor film with ultraviolet rays or infrared rays; removing the metal from the crystallized semiconductor film by gettering after the irradiation of the laser light;

patterning the crystallized semiconductor film by etching to form a semiconductor island;

forming a gate insulating film over the semiconductor island; forming a gate electrode over the gate insulating film; and forming source and drain regions in the semiconductor island.

- 82. (New) The method according to claim 81 wherein said metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Cu and Au.
- 83. (New) The method according to claim 81 wherein said gettering is performed by heating the crystallized semiconductor film in a halogen containing atmosphere.
- 84. (New) The method according to claim 81 wherein a surface of the crystallized semiconductor film is oxidized when the gettering is performed.
- 85. (New) A method for manufacturing a semiconductor device comprising: forming a semiconductor film comprising amorphous silicon on an insulating surface;

providing said semiconductor film with a metal containing material for promoting crystallization of said semiconductor film;

crystallizing said semiconductor film by heating;

irradiating the crystallized semiconductor film with ultraviolet rays or infrared rays; and

removing the metal from the crystallized semiconductor film by gettering after the irradiation of the laser light.

- 86. (New) The method according to claim 85 wherein said metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Cu and Au.
- 87. (New) The method according to claim 85 wherein said gettering is performed by heating the crystallized semiconductor film in a halogen containing atmosphere.
- 88. (New) The method according to claim 85 wherein a surface of the crystallized semiconductor film is oxidized when the gettering is performed.
- 89. (New) A method for manufacturing a semiconductor device comprising: forming a semiconductor film comprising amorphous silicon on an insulating surface;

providing said semiconductor film with a metal containing material for promoting crystallization of said semiconductor film;

crystallizing said semiconductor film by heating;

irradiating the crystallized semiconductor film with ultraviolet rays or infrared rays; removing the metal from the crystallized semiconductor film by gettering after the irradiation of the laser light;

patterning the crystallized semiconductor film by etching to form a semiconductor island;

forming a gate insulating film over the semiconductor island;

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forming a gate electrode over the gate insulating film; and forming source and drain regions in the semiconductor island.

- 90. (New) The method according to claim 89 wherein said metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Cu and Au.
- 91. (New) The method according to claim 89 wherein said gettering is performed by heating the crystallized semiconductor film in a halogen containing atmosphere.
- 92. (New) The method according to claim 89 wherein a surface of the crystallized semiconductor film is oxidized when the gettering is performed.